

Table 1.8 Energy Production in Utah by Primary Source (Trillion Btu), 1960-2005

Trillion Btu

| Year | Coal ¹ | Crude Oil ² | Natural Gas (Dry) ^{3*} | Hydro-electric ^{4*} | Geo-thermal ^{4*} | Wood and Waste ⁵ | Wind ⁵ | Solar ⁵ | Total Fossil Fuel | Total Renewable | Total Renewable (excluding hydro.) | Total | Percent Fossil Fuel | Percent Renewable | Percent Renewable (excluding hydro.) |
|------|-------------------|------------------------|---------------------------------|------------------------------|---------------------------|-----------------------------|-------------------|--------------------|-------------------|-----------------|------------------------------------|---------|---------------------|-------------------|--------------------------------------|
| 1960 | 116.4 | 218.1 | 48.8 | 3.3 | 0.0 | 2.2 | 0.0 | 0.0 | 383.3 | 5.5 | 2.2 | 388.8 | 98.6% | 1.4% | 0.6% |
| 1961 | 121.2 | 191.9 | 53.3 | 2.5 | 0.0 | 2.1 | 0.0 | 0.0 | 366.4 | 4.6 | 2.1 | 371.0 | 98.8% | 1.2% | 0.6% |
| 1962 | 101.0 | 179.5 | 69.1 | 4.1 | 0.0 | 2.0 | 0.0 | 0.0 | 349.6 | 6.2 | 2.0 | 355.8 | 98.3% | 1.7% | 0.6% |
| 1963 | 102.4 | 194.0 | 71.8 | 3.7 | 0.0 | 2.0 | 0.0 | 0.0 | 368.2 | 5.7 | 2.0 | 373.9 | 98.5% | 1.5% | 0.5% |
| 1964 | 110.9 | 165.6 | 71.7 | 8.0 | 0.0 | 2.1 | 0.0 | 0.0 | 348.3 | 10.2 | 2.1 | 358.4 | 97.2% | 2.8% | 0.6% |
| 1965 | 117.3 | 146.9 | 67.4 | 9.5 | 0.0 | 2.0 | 0.0 | 0.0 | 331.5 | 11.5 | 2.0 | 343.0 | 96.6% | 3.4% | 0.6% |
| 1966 | 108.9 | 140.1 | 68.8 | 8.2 | 0.0 | 1.9 | 0.0 | 0.0 | 317.8 | 10.2 | 1.9 | 328.0 | 96.9% | 3.1% | 0.6% |
| 1967 | 98.1 | 139.5 | 47.8 | 11.2 | 0.0 | 2.1 | 0.0 | 0.0 | 285.4 | 13.3 | 2.1 | 298.6 | 95.6% | 4.4% | 0.7% |
| 1968 | 101.4 | 136.3 | 44.2 | 10.6 | 0.0 | 2.2 | 0.0 | 0.0 | 282.0 | 12.8 | 2.2 | 294.8 | 95.7% | 4.3% | 0.8% |
| 1969 | 109.4 | 135.2 | 44.7 | 11.7 | 0.0 | 2.3 | 0.0 | 0.0 | 289.3 | 14.0 | 2.3 | 303.2 | 95.4% | 4.6% | 0.8% |
| 1970 | 111.2 | 135.5 | 42.6 | 7.7 | 0.0 | 2.3 | 0.0 | 0.0 | 289.3 | 10.0 | 2.3 | 299.4 | 96.6% | 3.4% | 0.8% |
| 1971 | 108.7 | 137.1 | 39.8 | 10.3 | 0.0 | 2.3 | 0.0 | 0.0 | 285.6 | 12.6 | 2.3 | 298.1 | 95.8% | 4.2% | 0.8% |
| 1972 | 112.8 | 153.8 | 37.1 | 12.7 | 0.0 | 2.5 | 0.0 | 0.0 | 303.7 | 15.2 | 2.5 | 318.9 | 95.2% | 4.8% | 0.8% |
| 1973 | 132.8 | 188.8 | 40.0 | 11.5 | 0.0 | 3.1 | 0.0 | 0.0 | 361.6 | 14.7 | 3.1 | 376.3 | 96.1% | 3.9% | 0.8% |
| 1974 | 142.1 | 228.8 | 47.7 | 9.8 | 0.0 | 2.6 | 0.0 | 0.0 | 418.5 | 12.4 | 2.6 | 431.0 | 97.1% | 2.9% | 0.6% |
| 1975 | 163.0 | 232.8 | 52.8 | 11.2 | 0.0 | 2.9 | 0.0 | 0.0 | 448.6 | 14.1 | 2.9 | 462.7 | 97.0% | 3.0% | 0.6% |
| 1976 | 187.2 | 205.2 | 54.5 | 11.7 | 0.0 | 3.3 | 0.0 | 0.0 | 446.9 | 15.0 | 3.3 | 461.9 | 96.8% | 3.2% | 0.7% |
| 1977 | 207.7 | 216.4 | 57.4 | 7.9 | 0.0 | 3.8 | 0.0 | 0.0 | 481.5 | 11.7 | 3.8 | 493.2 | 97.6% | 2.4% | 0.8% |
| 1978 | 217.4 | 207.4 | 55.9 | 7.6 | 0.0 | 4.5 | 0.0 | 0.0 | 480.8 | 12.1 | 4.5 | 492.9 | 97.5% | 2.5% | 0.9% |
| 1979 | 284.3 | 160.4 | 55.8 | 8.3 | 0.0 | 5.3 | 0.0 | 0.0 | 500.4 | 13.6 | 5.3 | 514.1 | 97.3% | 2.7% | 1.0% |
| 1980 | 311.0 | 144.9 | 44.9 | 8.5 | 0.0 | 4.5 | 0.0 | 0.0 | 500.8 | 13.0 | 4.5 | 513.9 | 97.5% | 2.5% | 0.9% |
| 1981 | 324.5 | 141.0 | 55.4 | 6.5 | 0.0 | 5.9 | 0.0 | 0.0 | 520.8 | 12.4 | 5.9 | 533.2 | 97.7% | 2.3% | 1.1% |
| 1982 | 397.4 | 136.9 | 47.4 | 10.7 | 0.0 | 6.1 | 0.0 | 0.0 | 581.6 | 16.8 | 6.1 | 598.4 | 97.2% | 2.8% | 1.0% |
| 1983 | 278.0 | 180.1 | 17.3 | 14.7 | 0.0 | 6.5 | 0.0 | 0.0 | 475.3 | 21.2 | 6.5 | 496.5 | 95.7% | 4.3% | 1.3% |
| 1984 | 288.1 | 220.7 | 72.6 | 14.5 | 0.8 | 6.7 | 0.0 | 0.0 | 581.4 | 22.0 | 7.5 | 603.5 | 96.3% | 3.7% | 1.2% |
| 1985 | 301.5 | 238.3 | 82.1 | 10.6 | 2.3 | 6.9 | 0.0 | 0.0 | 621.9 | 19.9 | 9.2 | 641.7 | 96.9% | 3.1% | 1.4% |
| 1986 | 335.3 | 227.6 | 82.3 | 14.8 | 3.6 | 6.5 | 0.0 | 0.0 | 645.2 | 24.8 | 10.1 | 670.1 | 96.3% | 3.7% | 1.5% |
| 1987 | 388.2 | 207.8 | 77.1 | 9.3 | 2.7 | 3.6 | 0.0 | 0.0 | 673.1 | 15.6 | 6.3 | 688.8 | 97.7% | 2.3% | 0.9% |
| 1988 | 426.9 | 193.5 | 82.5 | 6.1 | 3.7 | 3.9 | 0.0 | 0.0 | 702.8 | 13.6 | 7.5 | 716.5 | 98.1% | 1.9% | 1.1% |
| 1989 | 482.1 | 165.3 | 104.9 | 5.9 | 3.6 | 3.5 | 0.0 | 0.0 | 752.4 | 13.1 | 7.2 | 765.5 | 98.3% | 1.7% | 0.9% |
| 1990 | 519.4 | 160.7 | 132.0 | 5.3 | 3.2 | 3.4 | 0.0 | 0.0 | 812.1 | 12.0 | 6.7 | 824.1 | 98.5% | 1.5% | 0.8% |
| 1991 | 515.6 | 150.4 | 134.3 | 6.5 | 3.9 | 3.6 | 0.0 | 0.0 | 800.4 | 14.1 | 7.6 | 814.5 | 98.3% | 1.7% | 0.9% |
| 1992 | 497.0 | 139.6 | 164.2 | 6.2 | 4.9 | 3.8 | 0.0 | 0.0 | 800.8 | 14.9 | 8.7 | 815.7 | 98.2% | 1.8% | 1.1% |
| 1993 | 504.0 | 126.6 | 217.8 | 8.9 | 3.9 | 3.7 | 0.0 | 0.0 | 848.4 | 16.5 | 7.7 | 864.9 | 98.1% | 1.9% | 0.9% |
| 1994 | 567.5 | 119.9 | 264.3 | 7.7 | 4.9 | 3.6 | 0.0 | 0.1 | 951.6 | 16.2 | 8.5 | 967.8 | 98.3% | 1.7% | 0.9% |
| 1995 | 583.6 | 115.9 | 233.5 | 10.0 | 3.5 | 3.6 | 0.0 | 0.1 | 933.0 | 17.1 | 7.1 | 950.1 | 98.2% | 1.8% | 0.8% |
| 1996 | 630.3 | 113.3 | 246.0 | 10.8 | 4.7 | 3.8 | 0.0 | 0.1 | 989.6 | 19.4 | 8.5 | 1,008.9 | 98.1% | 1.9% | 0.8% |
| 1997 | 610.4 | 113.6 | 245.5 | 13.7 | 4.3 | 4.4 | 0.0 | 0.1 | 969.5 | 22.5 | 8.7 | 992.0 | 97.7% | 2.3% | 0.9% |
| 1998 | 612.9 | 111.5 | 273.8 | 13.4 | 4.1 | 3.9 | 0.0 | 0.1 | 998.1 | 21.4 | 8.0 | 1,019.5 | 97.9% | 2.1% | 0.8% |
| 1999 | 623.3 | 94.9 | 258.0 | 12.8 | 4.1 | 5.4 | 0.0 | 0.0 | 976.2 | 22.4 | 9.6 | 998.6 | 97.8% | 2.2% | 1.0% |
| 2000 | 637.8 | 90.5 | 262.9 | 7.7 | 4.1 | 5.7 | 0.0 | 0.0 | 991.2 | 17.6 | 9.9 | 1,008.8 | 98.3% | 1.7% | 1.0% |
| 2001 | 647.7 | 88.6 | 280.7 | 5.2 | 4.1 | 3.9 | 0.0 | 0.0 | 1,017.0 | 13.3 | 8.1 | 1,030.3 | 98.7% | 1.3% | 0.8% |
| 2002 | 605.8 | 79.9 | 278.7 | 4.7 | 4.8 | 4.0 | 0.0 | 0.0 | 964.4 | 13.5 | 8.9 | 977.9 | 98.6% | 1.4% | 0.9% |
| 2003 | 551.0 | 76.0 | 272.9 | 4.3 | 4.2 | 4.0 | 0.0 | 0.0 | 899.8 | 12.5 | 8.2 | 912.3 | 98.6% | 1.4% | 0.9% |
| 2004 | 520.3 | 85.5 | 282.0 | 4.5 | 4.2 | 4.0 | 0.0 | 0.0 | 887.8 | 12.8 | 8.3 | 900.6 | 98.6% | 1.4% | 0.9% |
| 2005 | 577.7 | 96.7 | 306.8 | 8.0 | 3.9 | 4.0 | 0.0 | 0.0 | 981.1 | 16.0 | 7.9 | 997.1 | 98.4% | 1.6% | 0.8% |

*For the conversion to Btu, approximate heat contents for entire United States are used. Utah specific numbers are unavailable.

Source: 1 - UGS coal company questionnaires

2 - Utah Division of Oil, Gas and Mining

3 - EIA Natural Gas Webpage Navigator and EIA Form-895 (Monthly and Annual Quantity and Value of Natural Gas Production Report)

4 - EIA, Electric Power Annual EIA, Electric Power Monthly

5 - EIA, State Energy Profiles

Note: Yellowcake is excluded because no nuclear energy is produced in Utah.

Figure 1.3a - Energy Production in Utah by Primary Source, 1960-2005

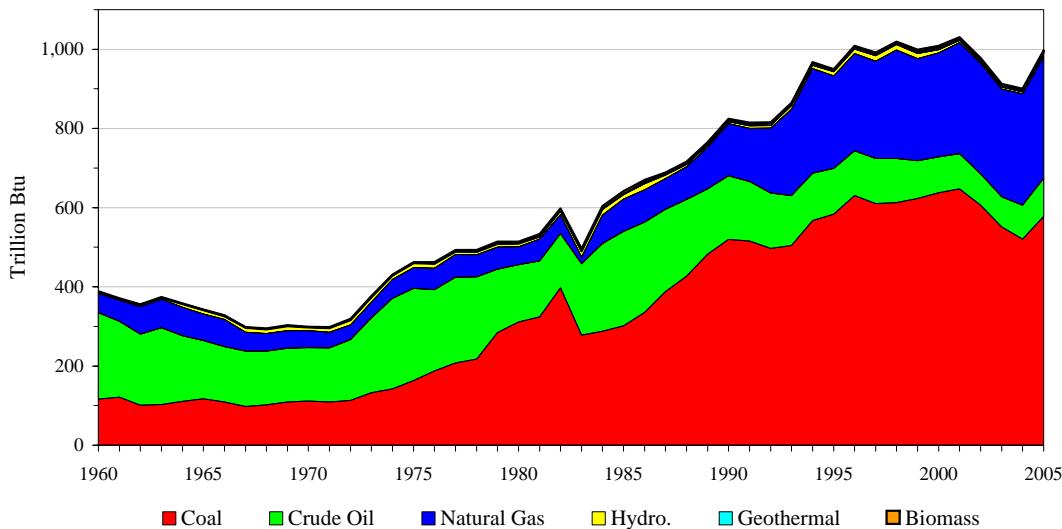


Figure 1.3b - Energy Production in Utah by Primary Source, 1960-2005

